



Joint Innovation and Experimentation

USJFCOM's Joint Innovation and Experimentation Program coordinates Department of Defense concept development and experimentation efforts and leads the development, exploration and assessment of new joint concepts, organizational structures and emerging technologies.

As the leader in joint innovation and experimentation, USJFCOM offers world-class resources for the research and development of new warfighting concepts from inception through extensive evaluation to their possible transition to the force.

To accomplish this, USJFCOM operates the command's Joint Futures Laboratory (JFL) which provides an integrating environment for transformation activities for services, the joint force, combatant commands, and other key global partners. The laboratory supports various military transformation events through live or virtual, classified or unclassified, and multinational joint context-based experimentation. Experiments can be conducted in any defined context and within any timeline. Examples of recent projects include Multinational Experiment 4, Urban Resolve 2015, and the Defense Advanced Research Projects Agency's Integrated Battle Command.

Additionally, the command acts as the Department of Defense lead to develop tactics, techniques and procedures for joint urban operations. The Urban Resolve experimentation series helps fill the capability gaps our commanders now face. By focusing on the challenges of urban operations of 2015, the series analyzes the effectiveness of current and future capabilities, in demanding environments. Over 1,000 people from more than 19 sites participated in USJFCOM's work in the Urban Resolve experiment series designed to explore and deliver capabilities for the urban battlespace of tomorrow.

Likewise, the Multinational Experiment (MNE) Series brings the multinational and interagency communities together to examine better ways to work together. Eight partner countries, including the US, NATO and other nations participated in the MNE series in 2006. The experiment further refined the effects-based approach to operations, which led to the development of an effects-based planning tool that NATO is fielding to the International Security Assistance Force in Afghanistan.